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TABLES OF CONTENTS OF SOVIET SCIENTIFIC PUBLICATIONS AND  
LIST OF PUBLICATIONS OF STATE HYDROMETEOROLOGICAL PUBLISHING HOUSE

[Comment: This report gives publication data for and the tables of contents of nine issues of Soviet scientific publications of the Main Administration of the Hydrometeorological Service USSR from 1949 to 1954.

A list of publications offered for sale by the State Scientific-Technical Hydrometeorological Publishing House "Gidro-meteoizdat," Leningrad, in 1952, is appended.]

"Procedures for Meteorological Observations," Trudy Glavnoy Geofizicheskoy Observatorii imeni A. I. Voyeykova (Works of the Main Geophysical Observatory imeni A. I. Voyeykov), No 34(96), 1952, Leningrad (Editor: N. P. Rusin, Candidate of Geographical Sciences)

	<u>Page</u>
Foreword	4
"Procedure for Observations on the Heat Balance of the Underlying Surface at Hydrometeorological Stations," by N. P. Rusin	5
"Measurement of Atmospheric Precipitation," by V. D. Tret'yakov	30
"Comparison of the Results of the Readings of a Rain Gauge and Tret'yakov's Precipitation Gauge According to the Data of the Network of Stations," by V. G. Volokh	41
"Tolerances Admissible in the Handling of Observations on Precipitation, Depth of Snow Cover, and Cloudiness," by Ye. I. Abramova	58
"Procedure for Observations on the Cloudiness and Temperature of Air at High-Mountain Stations," by I. Ye. Vorob'yev	69
"Metal Construction for the Installation of Instruments at Meteorological Stations," by I. N. Nechayev and V. N. Svarchevskiy	77
"The Errors of Measurements of Magnetic Variations and a Method for Their Treatment," by M. S. Penkevich	85
<p>"Problems of Agricultural and Forest Climatology," <u>Trudy Glavnoy Geofizicheskoy Observatorii imeni A. I. Voyeykova</u> (Works of the Main Geophysical Observatory imeni A. I. Voyeykov), No 44(106), 1954, Leningrad (Editor: I. A. Gol'tsberg, Doctor of Geographical Sciences)</p>	

STAT

	<u>Page</u>
Foreword	3
"The Meteorological Effectiveness of 'Blow-Through' (produvayemyy) Forest Belts of Various Designs," by I. A. Gol'tsberg	4
"Radiational Regime Under the Canopy of Tree Tops of Forest Belts," by T. A. Golubova	24
"The Temperature of the Soil in Forest Belts and in the Field," by Ye. P. Arkhipova	29
"Temperature and Moisture of the Air in Forest Belts During the Vegetational Period," by M. Ya. Glebova	62
"The Influence of Forest Belts Upon the Vertical Structure of the Wind and Upon Turbulent Exchange," by Ye. N. Romanova	80
"Investigation of the Influence of Forest Belts Upon the Wind by Means of Balanced Spheres," by P. A. Vorontsov	91
"Influence of Forest Belts Upon the Temperature and Moisture of the Air in the Fields Between Forest Belts," by N. A. Yefimova	104
"Influence of Forest Belts Upon the Retention of Snow," by I. D. Kopanev	113
"Agrometeorology," <u>Trudy Tashkentskov Geofizicheskoy Observatorii</u> (Works of the Tashkent Geophysical Observatory), No 3(4), 1949, Leningrad (Editor: L. N. Babushkin)	

	<u>Page</u>
"Development and Some Results of Agrometeorological Investigations in Uzbekistan (on the Occasion of the 25th Anniversary of the Agrometeorological Station Boz-Su)," by L. N. Babushkin, Candidate of Biological Sciences	3
"Contribution to the Problem of the Role of Radiation in the Active Life of the Cotton Plant," by Ye. A. Lopukhin	14
"The Dynamics Governing Gathering the Potato Harvest in Connection With the Temperature Regime and Soil Moisture," by I. G. Sabinina	38
"Some Results of Observations During the Gathering of the Sugar-Beet Crop in Connection With the Meteorological Conditions of Uzbekistan," by I. G. Sabinina	53
"Contribution to the Problem of Short-Term Fluctuations in the Temperature of the Air in Cotton Fields," by G. A. Krasnitskiy	62

STAT

	<u>Page</u>
"On a Procedure for Giving Agrometeorological Information and Forecasts Under Conditions in Uzbekistan," by L. N. Babushkin	67
"Experience Gained in the Application of Complex Climatology to the Climatic Evaluation of the Cotton-Growing Regions of Uzbekistan," by M. B. Blyum	111
"Physics of Clouds," <u>Trudy Tsentral'noy Aerologicheskoy Observatorii</u> (Works of the Central Aerological Observatory), No 7, 1952, Leningrad (Editor: Ye. G. Zak)	
	<u>Page</u>
"Structure of the Lower Edge of Cloud Cover," by Ye. G. Zak and O. V. Marfenko	3
"The Relation Between the Height of the Lower Boundary of Clouds and the Distance of Visibility," by A. A. Reshchikova and Z. V. Tonkova	16
"Contribution to the Problem of the Evolution of the Spatial Structure and Phase State of Frontal Clouds," by Ye. G. Zak and A. M. Borovikov	22
"Calculation of the Precipitation of Drops Upon Round Cylindrical Surfaces," by I. P. Mazin	39
"Some Data on the Microstructure of Clouds," by A. Kh. Khrgian	50
"Distribution of Drops According to Sizes in Clouds," by A. Kh. Khrgian and I. P. Mazin	56
"Actinometry in a Free Atmosphere," <u>Trudy Tsentral'noy Aerologicheskoy Observatorii</u> (Works of the Central Aerological Observatory), No 8, 1952, Leningrad (Editor: V. G. Kastrov)	
	<u>Page</u>
"Measurement of the Absorption of Solar Radiation in a Free Atmosphere up to 3-5 Kilometers," by V. G. Kastrov, Candidate of Physicomathematical Sciences	3
"Certain Results of Actinometric Observations in Free Aerostats," by G. P. Faraponova	27
"Investigation of the Reflection, Transmission, and Absorption of Solar Radiation by Clouds of Certain Forms," by N. I. Chel'tsov	36
"The Total and Long-Wave Albedo of Certain Types of Underlying Surfaces for Solar Radiation," by N. A. Alekseyeva	67

STAT

Page

List of Monographs Issued by the State Scientific-  
Technical Hydrometeorological Publishing House  
'Gidrometeoizdat' and Now Available [See Appendix]

71

"Inertia and Sensitivity of the Hair Hygrometer at Low Temperatures," Trudy Tsentral'noy Aerologicheskoy Observatorii (Works of the Central Aerological Observatory), No 11, 1953, Leningrad (Editor: A. Kh. Khrgian)

Note. This work, written by V. D. Reshetov, consists of three main divisions. The first part, pages 7-19, is devoted to an analysis of the theory of the hair hygrometer of B. I. Sreznevskiy and to its defense against the unfair criticism of H. Bongards (Feuchtigkeit-Messungen, Berlin, 1926) and of certain other foreign authors. The second part, pages 20-37, analyzes the problems of the inertia of the hair hygrometer. The third part, pages 38-64, gives an approximate theory of the sensitivity of the hair hygrometer at low temperatures; here the author gives recommendations on the use of the data of the approximate theory developed by him for making more precise the readings of the hair hygrometer.

[Various Procedural Problems of Aerological Measurements], Trudy Tsentral'noy Aerologicheskoy Observatorii (Works of the Central Aerological Observatory), No 12, 1953, Leningrad (Editor: S. M. Shmeter, Candidate of Physicomathematical Sciences)

Page

"Calculation of the Errors in the Aircraft Collection of Drops," by A. Kh. Khrgian and I. P. Mazin

3

"Measurement of the Temperature of the Air in Clouds From Airplanes," by N. Z. Pinus

13

"The Dependence of the Readings of the Vane Anemometer Upon the Density of the Air," by S. M. Shmeter and V. N. Pokrovskiy

18

"Investigation of the Sonde Meteorograph of Manuylov's Design," by I. G. Guterman

27

"Systematic Errors in the Measurement of the Temperature of the Air by Means of the Radiosonde," by I. G. Guterman

35

"Determination of the Height of Clouds from an Airplane," by K. I. Bergun

49

"Problems of Hydrological Weather Forecasts," Trudy Tsentral'nogo Instituta Prognozov (Works of the Central Institute of Weather Forecasts), No 30(57), 1953, Leningrad (Editor: Ye. G. Popov)

Page

"Accuracy of the Calculation of the Snow Reserves in a Basin and Its Influence on Accuracy of the Forecast of the Volume of Spring Floods," by V. N. Parshin

3

STAT

	<u>Page</u>
"Seepage of Water in a Thick Layer of Soil," by K. I. Kashin	52
"Problem of the Infiltration of Water Into Soil and the Problem of the Possibility of Its Consideration for the Purpose of the Forecasting of Rain Floods," by V. I. Korzun	60
"Forecasting of the Spring High Waters on the Vychegda River Near Syktyvkar," by T. I. Velikanova	91
"A Procedure for the Forecasting of the Abatement of Spring High Water," by N. Ya. Podvishenskaya	100
"On the Forecasting of the Times for Opening and Clearing the Ice on the Rivers in the Don Basin," by I. M. Chernoiivanenko (Rostov Administration of the Hydrometeorological Service)	109
"Experience Gained in the Development of a Procedure for the Long-Range Forecasting of the Opening up of the Rivers in the Basin of the Upper and Middle Volga," by Z. I. Ulitskina (Gor'kiy Administration of the Hydrometeorological Service)	113
"Experience Gained in the Development of a Procedure for the Long-Range Forecasting of the Time of Opening up of the Volga in the Vyazovyye-Vol'sk Portion and of Its Tributaries," by M. M. Tovcina (Kuybyshev Administration of the Hydrometeorological Service)	118
"Influence of Forest on Snow Thaw," Trudy Gosudarstvennogo Gidrologicheskogo Instituta (Works of the State Hydrological Institute), No 42(96), 1954, Leningrad (Responsible Editor: M. K. Shamilina; Author of monograph: P. P. Kuz'min, Candidate of Geographical Sciences)	
	<u>Page</u>
Introduction	3
Meteorological Conditions Surrounding the Thawing of Snow	5
Storage of Water in Snow Cover Toward the Beginning of the Thaw	27
Snow Thaw Under the Canopy of a Forest	40
Theoretical Basis for the Construction of the Computational Scheme	58
Conclusion	63
Appendix (Characteristics of the Forests of Valday and Kamennaya Steppe)	64
Literature (45 Works)	67

STAT

APPENDIX. "Publications for Sale by the State Scientific-Technical Hydro-meteorological Publishing House "Gidrometeoizdat," Trudy Tsentral'noy Aerologicheskoy Observatorii (Works of the Central Aerological Observatory), No 8, 1952, Leningrad (Editor: V. G. Kastrov)

1. Trudy Glavnoy geofizicheskoy observatorii imeni A. I. Voyeykova (Works of the Main Geophysical Observatory imeni A. I. Voyeykov)

- No 14(76). Actinometry. Editor N. N. Kalitin. 7.20 rubles.
- No 15(77). Climatology. Editor M. V. Zavarin. 12.80 rubles.
- No 16(78). Problems of Atmospheric Turbulence. Editors Ye. S. Lyapin and M. I. Yudin. 8.80 rubles.
- No 19(81). Symposium Devoted to Centenary Jubilee of the Observatory. Editor V. P. Pastukh et alii. 15.20 rubles.
- No 22(84). Physics of the Layer of Air Close to the Ground. Editor D. L. Laykhtman. 2.80 rubles.

2. Trudy Gosudarstvennogo Ordena Trudovogo Krasnogo Znameni Gidrologicheskogo Instituta (Works of the State Order-of-Labor-Red-Banner Hydrological Institute)

- No 14(68). Investigations of the Processes Governing the Formation of Runoff and a Procedure for its Calculation. Editor D. L. Sokolovskiy. 17.60 rubles.
- No 15(69). The Hydrochemistry of the Rivers of the USSR. Part III. Author O. A. Alekin. 10.80 rubles.
- No 16(70). Investigations of the Processes of Snow Thaw and of the Physical Properties of Ice. Editor P. P. Kuz'min. 6.80 rubles.
- No 17(71). Problems of Hydrochemistry. Editor O. A. Alekin. 6 rubles.
- No 19(73). Problems of Hydrometry. Editor V. V. Ukhanov. 6 rubles.
- No 22(76). Investigations of the Dynamics of Open Streams. Editor V. M. Makkaveyev. 7.20 rubles.
- No 25(79). Problems of Hydrochemistry. Editor O. A. Alekin. 4.60 rubles.
- No 27(81). Problems of Underground Supply and Minimum Runoff, and a Procedure for Hydrological Calculations. Editor Prof. D. L. Sokolovskiy. 8.40 rubles.

3. Trudy Tsentral'nogo Instituta Prognozov (Works of the Central Institute of Weather Forecasts)

- No 3(30). Problems of Marine Hydrometeorological Forecasts. Editor N. A. Belinskiy. 6.80 rubles.
- No 9(36). Problems of Forecasting Floods. Editor G. R. Bregman. 13.20 rubles.

STAT

- No 10(37). Climatic Features of Lower Moscow Area (Naro-Fominskiy Region of the Sobakino Agrometeorological Station). Author S. I. Nebol'sin. 7.20 rubles.
- No 11(38). Problems of Long-Range Weather Forecasts. Editor S. T. Pagav. 12.40 rubles.
- No 12(39). Problems of the Forecasting of Runoff. Editor V. D. Komarov. 5.60 rubles.
- No 13(40). The Drought of the Year 1946. Editor V. V. Sinel'shchikov. 5.60 rubles.
- No 15(42). Problems of Dynamic Meteorology. Editor A. F. Dyubyuk. 5.60 rubles.
- No 18(45). Agricultural Meteorology. Editor A. V. Protserov. 8 rubles.
- No 19(46). Problems of Long-Range Forecasts. Editor S. T. Pagav. 9.60 rubles.
- No 21(48). Problems of Dynamic Meteorology. Editor I. A. Kibel'. 4.40 rubles.
- No 22(49). Problems of Hydrological Forecasts. Editors Ye. G. Popov and V. V. Piotrovich. 6 rubles.
- No 23(50). Problems of Hydrological Forecasts. Editor V. V. Piotrovich. 6 rubles.
- No 24(51). Problems of Hydrological Forecasts. Editor Ye. G. Popov. 4 rubles.
- No 25(52). Problems of Synoptic Meteorology. Editor G. D. Zubyan. 6 rubles.
- No 27(54). Problems of Hydrological Forecasts. Editor V. D. Komarov. 4.40 rubles.

4. Trudy Gosudarstvennogo Okeanograficheskogo Instituta (Works of the State Oceanographic Institute)

- No 4(16). Symposium of Works on the Chemistry of the Sea. Editor S. V. Bruyevich. 9.60 rubles.
- No 5(17). Works on the Geology of the Sea. Editor M. V. Klenova. 8.80 rubles.
- No 6(18). Works on Hydrobiology. Editor P. I. Ryabchikov. 7.20 rubles.
- No 8(20). Symposium of Articles. Editor P. S. Lineykin. 7.40 rubles.
- No 9(21). The Hydrometeorological Characteristics of the Northern Part of the Atlantic Ocean. Author D. G. Kharitonov. 13.20 rubles.



STAT

- No 10(22). Symposium of Works on the Chemistry of the Sea. Editor S. V. Bruyevich. 10.80 rubles.
- No 11(23). Symposium of Articles. Editor I. A. Benoshvili. 4 rubles.
- No 12(24). Experience of the Climatic Regionalization of the World Ocean According to Circulation Criteria. Author A. I. Sorokina. 11.20 rubles.
- No 13(25). The Hydrometeorological Characteristics of the Mediterranean Sea. Author B. A. Shlyamin. 10 rubles.
- No 14(26). The Hydrometeorological Characteristics of the Region of the Whaling Industry in the Atlantic Sector of the Antarctic. Author G. M. Tauber. 3.20 rubles.
- No 15(27). Symposium of Works on the Chemistry of the Sea. Editor B. A. Skopintsev. 6 rubles.
- No 16(28). Symposium of Articles. Editor V. I. Tsikunov. 4 rubles.
- No 17(29). Organic Substances in Natural Waters. Author B. A. Skopintsev. 13.40 rubles.
- No 18(30). The Geology of the Delta of the Volga River. Editor M. V. Klenova. 19.60 rubles.
5. Trudy Nauchno-issledovatel'skogo Instituta Zemnogo Magnetizma (Works of the Scientific-Research Institute of Terrestrial Magnetism)
- No 3(13). Symposium of Articles. Editor Yu. D. Kalinin. 14 rubles.
- No 4(14). Symposium of Articles. Editor Yu. D. Kalinin. 4.40 rubles.
- No 5(15). Symposium of Articles. Editor N. Ye. Malinina. 4.40 rubles.
6. Trudy Tsentral'noy Aerologicheskoy Observatorii (Works of the Central Aerological Observatory)
- No 2. Symposium of Articles. Editor A. Kh. Khrgian. 10.40 rubles.
- No 3. Symposium of Articles. Editor A. Kh. Khrgian. 11.20 rubles.
- No 4. Symposium of Articles. Editor A. Kh. Khrgian. 14.00 rubles.
7. Trudy Nauchno-issledovatel'skogo Instituta Gidrometpriborostroyeniya (Works of the Scientific-Research Institute of Hydrometeorological Instruments Construction)
- No 1. Symposium of Articles. Editor V. I. Yefremychev. 2 rubles.

STAT

8. Trudy Tsentral'nogo Nauchno-issledovatel'skogo Gidrometeorologicheskogo Arkhiva (Works of the Central Scientific-Research Hydrometeorological Archives)

No 1. Symposium of Articles. Editor V. A. Bugayev.  
2.80 rubles.

9. Trudy Tashkentskoy Geofizicheskoy Observatorii (Works of the Tashkent Geophysical Observatory)

No 2(3). Symposium of Articles. Editor V. N. Mikhalkov.  
6 rubles.

No 4(5). Symposium of Articles. Editor V. N. Mikhalkov.  
4 rubles.

10. Trudy Kiyevskoy Nauchno-issledovatel'skoy Gidrologicheskoy Observatorii (Works of the Kiev Scientific-Research Hydrological Observatory)

No 4(5). Problems of the Forecasts and of the Regime of  
Runoff. Editor A. V. Ogiyevskiy. 12 rubles.

11. Trudy Mestnykh Observatorii (Works of Local Observatories)

No 1. Symposium of Articles. Editor N. N. Kalitin.  
3.20 rubles.

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